William Park

🌐 williampark.site

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technical strengths

Languages
Python, JavaScript, C++, HTML, CSS

Technologies
React, Node.js, Express.js, MongoDB, Git, React Native, Postman, TensorFlow

Interests
Web development, AI, Mobile development, Firmware

awards

President's Scholarship of Distinction
University of Waterloo
Awarded to students with an admission average of 95% or higher.

Nortel Networks Undergraduate Scholarship
University of Waterloo
Awarded to outstanding students entering year one of electrical and computer engineering.

education

University of Waterloo
2019 to Present
BASc Computer Engineering

work experience

Software Developer in Test | 360 Education Labs Inc
January 2020 to April 2020

- **Validated the functionality and UI/UX** of the site Yuja.com and its accompanying desktop/mobile applications by performing **functionality, regression and smoke tests**.
- Executed **automation tests** using **Selenium WebDriver** and **debugged test cases** to improve the efficiency of the existing testing process.

personal projects

Flicker
https://github.com/williamhpark/movie-tinder.git

- Championed the development of the web application's front end, setting up an **interactive UI using React** and **styling components with CSS**.
- Architectured an **internal API with Node.js** to **validate user authentication** and provide a channel for the front end to access **data stored in MongoDB collections.**
- **Reviewed pull requests** on a shared **Github** repository to **restructure inefficiencies** and **improve style** in the code.

Personal Portfolio Website
https://github.com/williamhpark/personal-website-public.git

- Developed a **full-stack personal portfolio website** using the **MERN stack** to display projects/hobbies and host a **blog**.
- Integrated the **GridFS specification** into the **Node.js back end** to **store large digital assets in MongoDB** and serve them to the front end.

extracurricular experiences

Club President | KidSport PMSS
September 2016 to June 2019

- **Assembled sub-teams** from a group of **25 club members** and **assigned tasks** to each sub-team during the organization and execution of fundraisers**.**
- Oversaw all sub-team activites to assure **budget management** and **adherence to the event planning timeline**.

SHAD Fellow | SHAD Program
June 2018 to July 2018

- Earned the SHAD Fellow designation after being **nominated** to attend the award-winning **STEM and entrepreneurship program**.
- Created a **design and business model** for an emergency evacuation kit to help increase resilience against wildfires using **prototype and business plan development strategies** taught during the program.